

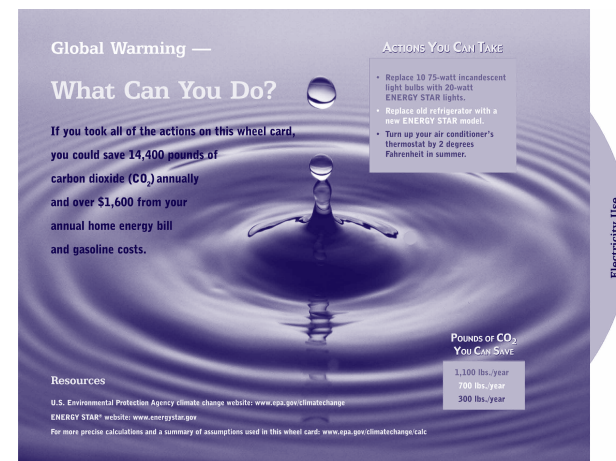
US EPA ARCHIVE DOCUMENT

Global Warming Wheel Card

- Cut out the two large circles and the two large rectangular pieces.
- Cut out the two little rectangular windows on each of the large rectangular pieces.
- Put glue on the backs of both circles and put them together to make the "wheel" of the wheel card, making sure that you align them so that the four labels that run along the outside of each circle (Waste Disposal, Home Heating, Electricity Use, and Transportation) line up with the corresponding labels on the other side. The Waste Disposal label on one side should line up with the Waste Disposal label on the other side, and so on.
- Lay the rectangular piece entitled "What Can You Do?" upside-down on the table with the larger of the two cutouts closer to you. If you lift up the edge of the rectangular piece and see the words "Global Warming—What Can You Do?" right side up, you've done it correctly.
- Put the glued-together wheel on top of the rectangular piece, with the side that has all the questions (such as "On average, how much does your household spend on electricity each month?") facing up.
- Lay the other rectangular piece entitled "What's Your Score?" on top of the wheel, with the smaller of the two cutouts closer to you.
- Look for the "belly button" on the pasted-together wheel and the two large rectangular pieces. Push a paper fastener ("brad") through the "belly button" to hold all the pieces together.
- Glue the large rectangular pieces in all four corners just enough to hold the rectangles together but allowing the wheel to turn freely.
- If you wish, highlight each line inside the windows in a different color to make it easier to read. If you have access to a color printer, this step will be unnecessary.
- If you are putting the wheel together to use in a demonstration, now you're ready to calculate the greenhouse gas emissions "score" of members of your audience and what they can do to reduce it.



Side 1



Side 2

If you have access to a color printer and would like to download additional color Global Warming Wheel Cards, please visit the EPA Global Warming Wheel Card homepage at www.epa.gov/climatechange/emissions/wheel_card.html.

**Global
Warming
Wheel Card**

Side 1 (outside)

Global Warming —

What's Your Score?

In the United States, a typical household of two people generates approximately 41,500 pounds of carbon dioxide (CO₂) emissions every year from household activities and personal transportation.

EMISSIONS SOURCE

POUNDS OF CO₂
EMITTED PER YEAR



United States
Environmental Protection
Agency

Office of Air and Radiation
Office of Atmospheric
Programs

EPA-430-F-08-010
June 2008

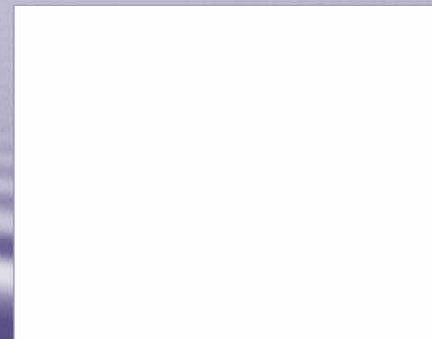
**Global
Warming
Wheel Card**

Side 2 (outside)

Global Warming — What Can You Do?

If you took all of the actions on this wheel card,
you could save 14,400 pounds of
carbon dioxide (CO₂) annually
and over \$1,600 from your
annual home energy bill
and gasoline costs.

ACTIONS YOU CAN TAKE



POUNDS OF CO₂ YOU CAN SAVE



Resources

U.S. Environmental Protection Agency climate change website: www.epa.gov/climatechange

ENERGY STAR® website: www.energystar.gov

For more precise calculations and a summary of assumptions used in this wheel card: www.epa.gov/climatechange/calc

Global Warming Wheel Card

Side 1 (inside)



Global Warming Wheel Card

Side 2 (inside)

